

FORM PTO-1449  
(Rev. 7-80)U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
TESSERA 3.3-018 CONT CONT II DIV CONT CONTApplication No.  
09/656,690

## LIST OF REFERENCES CITED BY APPLICANT

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Applicant  
*Khandros, et al.*

Filing Date: September 7, 2000

Group 2812

#14  
T. B. Bell  
7-15-02

## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		4,961,105	10/2/90	<i>Yamamoto</i>	357	72	
AB		5,216,278	6/1/93	<i>Lin et al</i>	257	688	
AC		5,241,133	8/31/93	<i>Mullen, III et al.</i>	174	52.4	
AD		4,225,900	9/30/80	<i>Ciccio et al.</i>	361	395	
AE		4,525,921	7/2/85	<i>Carson et al.</i>	29	577	
AF		4,672,737	6/16/87	<i>Carson et al.</i>	29	572	
AG		4,801,992	1/31/89	<i>Golubic</i>	357	40	
AH		4,862,249	8/29/89	<i>Carlson</i>	357	80	
AI		4,884,237	11/28/89	<i>Mueller et al.</i>	365	63	
AJ		4,884,237	11/28/89	<i>Mueller et al.</i>	365	63	
AK		4,941,033	7/10/90	<i>Kishida</i>	357	75	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	JP 63-290796	11/28/88	Japan			X	
	AM	JP 63-51196	3/4/88	Japan			X	
	AN	JP 63-290795	11/28/88	Japan			X	
	AO	JP 2-128453	5/16/90	Japan			X	
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

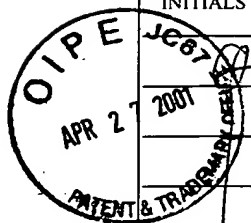
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AT	JP 63-290795, copy including annotations

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	AA	4,949,224	8/14/90	<i>Yamamura et al.</i>	361	412	
	AB	4,953,005	8/28/90	<i>Carlson et al.</i>	357	80	
	AC	4,953,060	8/28/90	<i>Lauffer et al.</i>	361	388	
	AD	4,956,694	9/11/90	<i>Eide</i>	357	74	
	AE	4,982,265	1/1/91	<i>Watanabe et al.</i>	357	75	
	AF	5,016,138	5/14/91	<i>Woodman</i>	361	381	
	AG	5,046,238	9/10/91	<i>Daigle et al.</i>	29	830	
	AH	5,072,075	12/10/91	<i>Lee et al.</i>	174	264	
	AI	5,089,880	2/18/92	<i>Meyer et al.</i>	357	75	
	AJ	5,117,282	5/26/92	<i>Salatino</i>	357	81	
	AK	5,128,831	7/7/92	<i>Fox, III et al.</i>	361	396	

## FOREIGN PATENT DOCUMENTS

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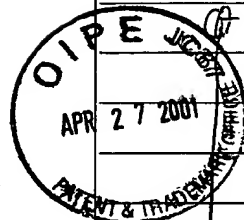
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	JP 2-128453, copy including annotations
	AS	1987 Proceedings 37 <sup>th</sup> Electronic Components Conference, May 11-13, 1987, Die Attachment Design and Its Influence on Thermal Stresses in the Die and the Attachment, E. Suhr, pages 508-517
	AT	Electronic Components Conference 33 <sup>rd</sup> , May 16-18, 1983, The Quality of Die-Attachment and Its Relationship to Stresses and Vertical Die-Cracking, C.G.M. van Kessel, S.A. Gee and J.J. Murphy, pages 237-244

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<i>G</i>	AA	5,138,438	8/11/92	<i>Masayuki et al.</i>	357	75	
	AB	5,172,303	12/15/92	<i>Bernardoni et al.</i>	361	396	
	AC	5,198,888	3/30/93	<i>Sugano et al.</i>	257	686	
	AD	5,252,857	10/12/93	<i>Kane et al.</i>	257	686	
	AE	5,300,810	4/5/94	<i>Eden</i>	257	686	
	AF	5,377,077	12/27/94	<i>Burns</i>	361	704	
	AG	5,475,920	12/19/95	<i>Burns et al.</i>	29	856	
	AH	5,543,664	8/6/96	<i>Burns</i>	257	787	
	AI	5,701,031	12/23/97	<i>Oguchi et al.</i>	257	686	
	AJ	4,897,534	1/30/90	Haghiri-Tehrani	235	488	
<i>G</i>	AK	5,055,913	10/8/91	Haghiri-Tehrani	357	74	

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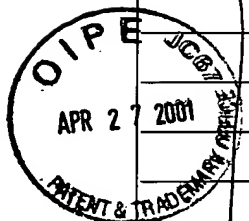
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>G</i>	AR	Electronic Components Conference 34 <sup>th</sup> , May 14-16, 1984, Die Attach in Hi-Rel P-Dips: Polymides or Low Chloride Epoxies?, Justin C. Bolger and Charles T. Mooney, pages 63-67
<i>G</i>	AS	Ablebond® 84-3 MV, Electrically Insulating Epoxy Adhesive, 12/97
<i>G</i>	AT	Ablebond® 84-3 MV, One Component, Insulative Chip Adhesive, 11/97

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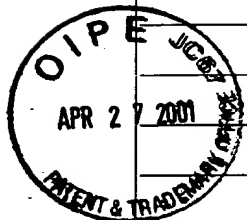
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Ablebond® 84-3MV, Electrically Insulating Chip Adhesive, Rev. 6/90
	AS	Ablestik®, One Component, Insulating Chip Adhesive, Rev. 2/88
	AT	Microelectronics Packaging Handbook, Rao R. Tummala, Eugene J. Rymaszewski, pages 312-320, (1989).

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	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>G</i>	AR	"No Stress" Dielectric Epoxy Adhesives with High Thermal Conductivity, date unknown.
<i>D</i>	AS	Naoji Senba, Nobuaki Takahashi, Yuzo Shimada, Ikushi Morizaki, Kenichi Tokuno, Makoto Ohtsuuka and Katsumasa Hashimoto, Application of 3_Dimensional Memory Module, pages 279-284
<i>G</i>	AT	Rudolf Leutenbauer, Volker Grosser, Bernd Michel and Herbert Reichl, Development of a Top-Bottom BGA, December 1998, pages 28-32.

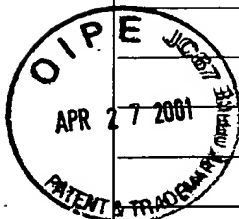
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>G</i>	AA	3,302,067	1/31/67	Jackson et al.		317	101
	AB	3,390,308	6/25/68	Marley		317	100
	AC	3,426,252	2/4/69	Lepselter		317	234
	AD	3,474,297	10/21/69	Bylander		317	101
	AE	3,487,541	1/6/70	Boswell		29	626
	AF	3,611,061	7/7/71	Segerman		317	234R
	AG	3,614,832	10/26/71	Chance et al.		29	626
	AH	3,680,037	7/25/72	Nellis et al.		339	61M
	AI	3,680,206	8/1/72	Roberts		29	580
	AJ	3,683,105	8/8/72	Shamash et al.		174	685
<i>G</i>	AK	3,689,991	9/12/72	Aird		29	577

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							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>G</i>	AR	Bill Chou, Solomon Beilin, Hunt Jiang, Dave Kudzuma, Tomac Massingill, Mike Peters and Vincent Wang, Ultra-High-Density Interconnect Flex Substrates, December 1998, pages 14-21
<i>G</i>	AS	Rudolf Leutenbauer, Volker Grosser, Bernd Michel and Herbert Reichl, Development of a Top-Bottom BGA, December 1998, pages 28-32.
<i>G</i>	AT	Daryl Ann Doane, Paul D. Franzon, Multichip Module Technologies and Alternatives: The Basics, pages 487-523.

EXAMINER

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
G	AA	3,724,068	4/3/73	Galli	29	626	
	AB	3,772,575	11/3/73	Hegarty et al.	317	235 R	
	AC	3,795,037	3/5/74	Luttmer	29	628	
	AD	3,832,769	9/3/74	Olyphant Jr. et al.	29	626	
	AE	3,862,790	1/28/75	Davies et al.	339	17	
	AF	3,864,728	2/4/75	Peltz et al.	357	71	
	AG	3,868,724	2/25/75	Perrino	357	65	
	AH	4,179,802	12/25/79	Joshi et al.	29	628	
	AI	4,237,607	12/9/80	Ohno	29	840	
	AJ	4,356,374	10/26/82	Noyori et al.	219	121	
G	AK	4,410,905	10/18/83	Grabbe	357	80	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
G	AL	2405839	12/1981	France				X
	AM	245179*	2/14/95	Europat				
	AN	WO 89/12911*	12/28/89	W.I.P.O.				
	AO	1-155633	6/1989	Japan			x	
G	AP	1003396	3/1983	USSR			x	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

G	AR		Nitto Product Information. "New Tab Mounting Method".					
			IBM Technical Disclosure Bulletin. Jan. 1985, vol. 27, No. 9, p. 4855.					
G	AS		IBM Technical Disclosure Bulletin. "Non-Permanent Mounting Technique for Test and Burn-In of C4 Devices". Nov. 1990, vol. 33, No. 7.					
			IBM Technical Disclosure Bulletin. "Extended Pad for Testing Package Parts". Dec. 1984, vol. 27, No. 7B, pp. 4210-4211.					
G	AT		IBM Technical Disclosure Bulletin. "Test and Repair of Direct Chip Attach Modules". Aug. 1988, vol. 31, No. 3					
			Microelectronics Packaging Handbook, 1989, pp. 420-423, 1132. Rao R. Tummala and Eugene J. Rymaszewski.					

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## U.S. PATENT DOCUMENTS

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G	AA	4,437,141	3/13/84	Prokop	361	403	
	AB	4,545,610	10/8/95	Lakritz et al.	29	589	
	AC	4,574,470	3/11/86	Burt	29	590	
	AD	4,597,617	7/1/86	Enochs	339	17	
	AE	4,604,644	8/5/86	Beckham et al.	357	080	
	AF	4,627,151	12/9/86	Mulholland et al.	29	569	
	AG	4,628,406	12/9/86	Smith et al.	361	386	
	AH	4,649,415	3/10/87	Hebert	357	74	
	AI	4,667,220	5/19/87	Lee et al.	357	68	
	AJ	4,670,770	6/2/87	Tai	357	60	
G	AK	4,685,998	8/11/87	Quinn, Daniel J. et al.	156	633	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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G	AL	072673	8/1982	Europat				
	AM	080041	9/1982	Europat				
	AN	413451	7/1990	Europat				
	AO	2495839	12/1981	France				
G	AP	2586885	8/1996	France				

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

G	AR		IBM Technical Disclosure Bulletin entitled "Non-Permanent Mounting Technique for Test and Burn-In of C4 Devices", Nov. 1990, vol. 33, No. 7.
			IBM Technical Disclosure Bulletin entitled "Extended Pad For Testing Package Parts", Dec. 1984, vol. 27, No. 7B.
G	AS		IBM Technical Disclosure Bulletin entitled "Test And Repair of Direct Chip Attach Modules", Aug. 1988, vol. 31, No. 3.
			"Improved C4 Reliability Using Low Modulus Dielectric Layer", IBM Technical Disclosure bulletin, vol. 32, No. 6A, Nov. 1989.
G	AT	*	"Methods of Testing Chips and Joining Chips to Substrates," 2244 Research Disclosure, February 1991, Elmsworth, GB, 32290

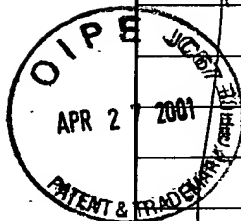
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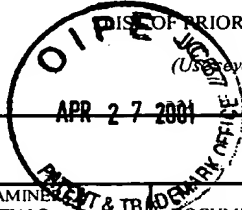
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G	AA 4,709,468	12/1/87	Wilson	437	209	
	AB 4,710,798	12/1/87	Marcantonio	357	80	
	AC 4,721,993	1/26/88	Walter	357	70	
	AD 4,751,199	6/14/88	Phy	437	209	
	AE 4,751,482	6/14/88	Fukuta et al.	333	247	
	AF 4,764,804	8/16/88	Sahara et al.	357	81	
	AG 4,793,814	12/27/88	Zifcak et al.	439	66	
	AH 4,796,078	1/3/89	Phelps, Jr. et al.	357	68	
	AI 4,811,082	3/7/89	Jacobs et al.	357	80	
	AJ 4,814,295	3/21/89	Mehta	437	209	
G	AK 4,818,728	4/4/89	Rai et al.	437	209	

## FOREIGN PATENT DOCUMENTS

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G	AL 60-217641	10/1985	Japan				
I	AM 1-293528	11/1989	Japan				
I	AN 8910005	10/1989	WIPO				
G	AO 9112706	8/1991	WIPO				
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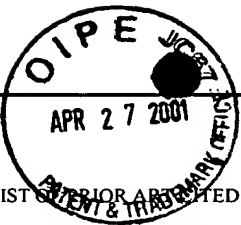
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G	AA	4,842,662	6/27/89	Jacobi	156	633	
	AB	4,855,867	8/8/89	Gazdik et al.	361	306	
	AC	4,874,721	10/17/89	Kimura et al.	437	209	
	AD	4,878,098	10/31/89	Saito et al.	357	68	
	AE	4,884,122	11/28/89	Eichelberger et al.	357	71	
	AF	4,887,148	12/12/89	Mu	357	74	
	AG	4,918,811	4/24/90	Eichelberger et al.	29	840	
	AH	4,924,353	5/3/90	Patraw	361	400	
	AI	4,926,241	5/15/90	Carey			
	AJ	4,937,203	6/26/90	Eichelberger et al.	437	51	
G	AK	4,937,707	6/29/90	McBride et al.	361	398	

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Patent and Trademark OfficeAttorney Docket No.  
TESSERA 3.3-018 CONT  
CONT II DIV CONT CONTSerial No.  
09/656,690Applicant  
Khandros et al.Filing Date  
September 7, 2000Group  
2812

## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q	AA	4,941,033	7/10/90	Kishida	357	75	
	AB	4,942,140	7/17/90	Ootsuki et al.	437	211	
	AC	4,967,261	10/30/90	Niki et al.	357	70	
	AD	4,989,069	1/29/91	Hawkins	357	74	
	AE	5,019,673	5/28/91	Juskey et al.	174	52.2	
	AF	5,027,191	6/25/91	Bourdelaïse et al.	357	74	
	AG	5,045,921	9/3/91	Lin et al.	357	74	
	AH	5,045,922	9/3/91	Kodama et al.	357	75	
	AI	5,053,922	10/1/91	Matta et al.	361	386	
	AJ	5,123,850	6/23/92	Elder et al.	439	67	
Q	AK	5,136,366	8/4/92	Worp et al.	357	72	

## FOREIGN PATENT DOCUMENTS

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ⓐ	AA	5,148,265	9/15/92	Khandros et al.	357	80	
	AB	5,148,266	9/15/92	Khandros et al.	357	80	
	AC	5,222,014	6/22/93	Lin	361	414	
	AD	5,289,346	2/22/94	Carey et al.	361	777	
	AE	5,347,159	9/13/94	Khandros et al.	257	692	
	AF	5,350,947	9/27/94	Takekawa et al.	257	702	
	AG	5,379,191	1/3/95	Carey et al.	361	777	
	AH	5,414,298	5/9/95	Grube et al.	257	690	
	AI	5,282,312*	2/1/94	DiStefano et al.	29	830	
	AJ	5,518,964*	5/21/96	DiStefano et al.	437	209	
ⓐ	AK	4,783,719	11/8/88	Jamison et al.	361	398	

## FOREIGN PATENT DOCUMENTS

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TESSERA 3.3-018 CONT  
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
G	AA	3,952,404	4/27/76	Matunami	29	589	
	AB	5,637,919*	6/10/97	Grabbe	257	690	
	AC	5,504,035*	4/2/96	Rostoker et al.	437	182	
	AD	5,477,082*	12/19/95	Buckley, III et al.	257	679	
	AE	5,454,160*	10/3/95	Nickel	29	840	
	AF	5,394,009*	2/28/95	Loo	257	666	
	AG	5,227,583*	7/13/93	Jones	174	52.4	
	AH	3,823,467	7/94	Shamash et al.			
	AI	4,189,825	2/80	Robillard et al.	29	574	
	AJ	4,349,862	9/82	Bajorek et al.	361	401	
G	AK	4,655,524	4/87	Etzel	339	59 M	

## FOREIGN PATENT DOCUMENTS

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
G	AA	4,658,332	4/87	Baker et al.	361	398	
	AB	4,681,654	7/87	Clementi et al.	156	630	
	AC	4,695,870	9/87	Patraw	357	74	
	AD	4,700,473	10/87	Freyman et al.	29	846	
	AE	4,772,936	9/88	Reding et al.	357	80	
	AF	4,847,146	7/89	Yeh et al.	428	332	
	AG	4,855,872	8/89	Wojnar et al.	361	414	
	AH	4,860,088	8/89	Smith et al.	357	69	
	AI	4,866,841	9/89	Hubbard	29	845	
	AJ	4,893,172	1/90	Matsumoto et al.	357	79	
G	AK	4,954,878	9/90	Fox et al.	357	81	

## FOREIGN PATENT DOCUMENTS

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GA	AA	4,975,765	12/90	Ackermann et al.	357	80	
	AB	4,993,954	2/91	Prevost	439	68	
	AC	5,006,673	4/91	Freyman et al.	174	255	
	AD	5,029,325	7/91	Higgins, III et al.	357	80	
	AE	5,086,337	2/92	Noro et al.	357	79	
	AF	5,117,275	5/92	Bregman	357	70	
	AG	Re: 35,119	12/12/95	Blonder, et al.	204	164	
	AH	4,937,653	6/26/90	Blonder, et al.	438	125	
GA	AI	5,210,939	5/18/93	Blonder, et al.	235	488	
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	AK						

## FOREIGN PATENT DOCUMENTS

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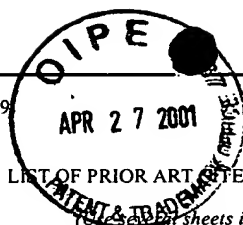
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## U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q	AA	T955,008	2/77	Gregor, et al.			
	AB	3,825,353	7/74	Loro	317	234R	
	AC	4,536,469	8/85	Alderstein	430	314	
	AD	4,648,179	3/87	Bhattacharyya, et al.	29	832	
	AE	4,766,670	8/88	Godzik, et al.	29	830	
	AF	4,783,695	11/88	Eichelberger, et al.	357	65	
	AG	4,855,872	8/89	Wojner, et al.	361	414	
	AH	4,866,841	9/89	Hubbard	29	845	
	AI	4,890,157	12/89	Wislon	357	80	
	AJ	5,023,205	6/91	Reche	437	2285	
Q	AK	5,029,325	7/91	Higgins, III, et al	357	80	

## FOREIGN PATENT DOCUMENTS

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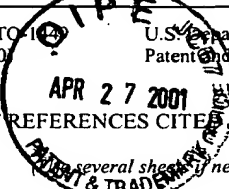
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<div style="text-align: center;">  </div> LIST OF REFERENCES CITED BY APPLICANT <small>(Draw several sheets if necessary)</small>				Applicant <i>Khandros, et al.</i>			
				Filing Date: September 7, 2000		Group 2812	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
G	AA	5,055,907	10/91	Jacobs	357	71	
	AB	5,192,716	3/93	Jacoby	437	209	
	AC	5,217,916	6/93	Andersen, et al.	437	51	
	AD	5,346,861	9/94	Khandros, et al.	437	209	
	AE	4,460,825	7/17/84	Haghiri-Tehrani, et al.	235	488	
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	AJ						
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FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
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G	AL	2,586,885	8/86	France			
	AM	91112706	8/22/91	PCT			
	AN	1-293,528		Japan			
G	AO	60-217,641		Japan			
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/656,690
				Filing Date	September 7, 2000
				First Named Inventor	Igor Y. Khandros
				Art Unit	2812
				Examiner Name	D. Graybill
Sheet	1	of	1	Attorney Docket Number	TESSERA 3.3-018 CONT CONT II DIVCONTCONT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
C	AA	3,643,138	02/15/1972	KILBY	
	AB	4,171,477	10/16/1979	FUNARI	
	AC	4,448,306	05/15/1984	SINNADURI ET AL.	
	AD	4,921,810	05/01/1990	KUNIEDA ET AL.	
	AE	4,976,392	12/11/1990	SMITH ET AL.	
	AF	5,091,825	02/25/1992	HILL ET AL.	
C	AG	5,156,319	10/20/1992	SHIBASAKA ET AL.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
F	BA	WO 92/05582	04/02/1992	IST ASSOCIATES, INC.		

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